



TURI SURACE CLEANING LABORATORY

CLEANING CHEMICAL QUESTIONNAIRE

See letter for submission instructions.



Material Safety Data Sheet (MSDS)
MUST Be Attached
(and Technical Data Sheet, if available)

1. Product/Trade Name (Please use a separate questionnaire for each cleaning chemical you want listed in the Directory) _____

BEYOND-2004™

Generic Chemical Family: None

Meets Specified Standard(s): ASTM: X Mil Spec: X FDA: _____ Other: X

Primary Cleaner Classification (Check only one):

- | | | | |
|--|---|---|---------------------------------------|
| <input type="checkbox"/> Acidic Aqueous | <input type="checkbox"/> Semi-Aqueous | <input type="checkbox"/> Powder detergent | <input type="checkbox"/> Extracting |
| <input type="checkbox"/> Neutral Aqueous | <input type="checkbox"/> Terpene | <input type="checkbox"/> Enzymatic/ | <input type="checkbox"/> HCFC |
| <input checked="" type="checkbox"/> Alkaline Aqueous | <input type="checkbox"/> Petroleum distillate | <input type="checkbox"/> Microbial | <input type="checkbox"/> Alcohol |
| <input type="checkbox"/> Caustic | <input type="checkbox"/> Organic | <input type="checkbox"/> Blasting | <input type="checkbox"/> Other: _____ |

2. Chemical Constituents (Check all that apply & specify) Example ☒ Builder: Sodium Hydroxide 50% (as Concentration)

Cleaner Containing:

At Least Some Water (____%)

OR No/Minimal Water

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Builder: _____ | <input checked="" type="checkbox"/> Water conditioner/Sequestering/ | <input type="checkbox"/> Supercritical fluid: _____ |
| <input checked="" type="checkbox"/> Surfactant: _____ | <input type="checkbox"/> Chelating agent: _____ | <input type="checkbox"/> Blasting medium: _____ |
| <input checked="" type="checkbox"/> Emulsifier: _____ | <input type="checkbox"/> Corrosion inhibitor/Rust | <input type="checkbox"/> Other: _____ |
| <input checked="" type="checkbox"/> Saponifier: _____ | <input type="checkbox"/> prohiitor: _____ | |
| <input type="checkbox"/> Other: _____ | <input type="checkbox"/> Anti-microbial: _____ | |
| <input type="checkbox"/> Rinse aid/Silicate: _____ | | |

3. Industrial Applications (Number all that apply, Most Used = 1)

- | | | | |
|---|---|---|---|
| <input checked="" type="checkbox"/> Aerospace/Military =1 | <input checked="" type="checkbox"/> Metal Finishing | <input type="checkbox"/> PCBs | <input checked="" type="checkbox"/> Semiconductors |
| <input checked="" type="checkbox"/> Cleanrooms | <input checked="" type="checkbox"/> Metal Fabrication | <input checked="" type="checkbox"/> Plastics | <input type="checkbox"/> General Cleaning (floors, etc) |
| <input checked="" type="checkbox"/> Basic Electronics | <input type="checkbox"/> Optics | <input checked="" type="checkbox"/> Precision Instruments | <input checked="" type="checkbox"/> Maint./Repair (engines, etc.) |
| <input type="checkbox"/> Medical | <input checked="" type="checkbox"/> Painting | <input checked="" type="checkbox"/> Printing | <input type="checkbox"/> Other: _____ |

4. Contaminant Removal (Check all that apply & specify, if possible)

- | | | | |
|---|---|--|---|
| <input checked="" type="checkbox"/> Adhesives | <input checked="" type="checkbox"/> Coatings | <input checked="" type="checkbox"/> Greases | Example <input checked="" type="checkbox"/> Coatings <u>Conformal</u> |
| <input checked="" type="checkbox"/> Buffing/polishing | <input checked="" type="checkbox"/> Cutting/tapping | <input checked="" type="checkbox"/> Inks | <input checked="" type="checkbox"/> Mold releases/ |
| <input type="checkbox"/> compounds | <input type="checkbox"/> fluids | <input checked="" type="checkbox"/> Lubricating/ | <input type="checkbox"/> Rust/Scale |
| <input checked="" type="checkbox"/> Carbon deposits | <input checked="" type="checkbox"/> Fluxes | <input type="checkbox"/> lapping oils | <input checked="" type="checkbox"/> Silicones |
| | | | <input checked="" type="checkbox"/> Waxes |
| | | | <input checked="" type="checkbox"/> Resins/Rosins |
| | | | <input type="checkbox"/> Other: _____ |

5. Substrate Compatibility (Check all that apply)

- | | | | | |
|---|--|--|---|--|
| <input checked="" type="checkbox"/> Aluminum | <input checked="" type="checkbox"/> Carbon steel | <input type="checkbox"/> Glass/quartz | <input checked="" type="checkbox"/> Rubber | <input checked="" type="checkbox"/> Nickel |
| <input checked="" type="checkbox"/> Alloys (Specify): _____ | <input checked="" type="checkbox"/> Ceramics | <input checked="" type="checkbox"/> Gold | <input checked="" type="checkbox"/> Stainless steel | <input checked="" type="checkbox"/> Tin |
| <input type="checkbox"/> Brass | <input checked="" type="checkbox"/> Copper | <input checked="" type="checkbox"/> Plastic (Specify): _____ | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Other: _____ |
| | <input type="checkbox"/> Galvanized steel | | <input checked="" type="checkbox"/> Sterling/silver | |

6. Equipment Compatibility (Check all that apply & specify, if applicable)

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Cold Solvent | <input checked="" type="checkbox"/> Mechanical Agitation | <input checked="" type="checkbox"/> Low Pressure Spray <u>5 to 15psi</u> psi-ran |
| <input type="checkbox"/> Vapor Degreasing | <input checked="" type="checkbox"/> Ultrasonics | <input checked="" type="checkbox"/> High Pressure Spray <u>100 plus</u> psi-ran |
| <input checked="" type="checkbox"/> Manual Wipe | <input type="checkbox"/> Media Blasting | <input type="checkbox"/> Other: _____ |
| <input checked="" type="checkbox"/> Immersion/Soak | <input checked="" type="checkbox"/> Supercritical Extract | |

7. Recommended Concentrations: 2 to 50% Percent Volume (range)

Recommended Temperatures: Ambient to 160°F. Deg. F (range)

8. Important Physical and Chemical Properties:

Maximum theoretical VOC content: 86 max.

GWP: None

Surface Tension: _____

Density: 1.07

ODP: None

Kb value: _____

Other: _____

9. Cost per pound/gallon: Smallest-unit price: _____ Large-volume price: _____ US

10. Additional pertinent information not found elsewhere on this form or MSDS: